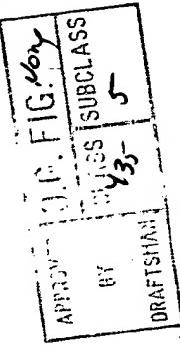


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Category Catalogue

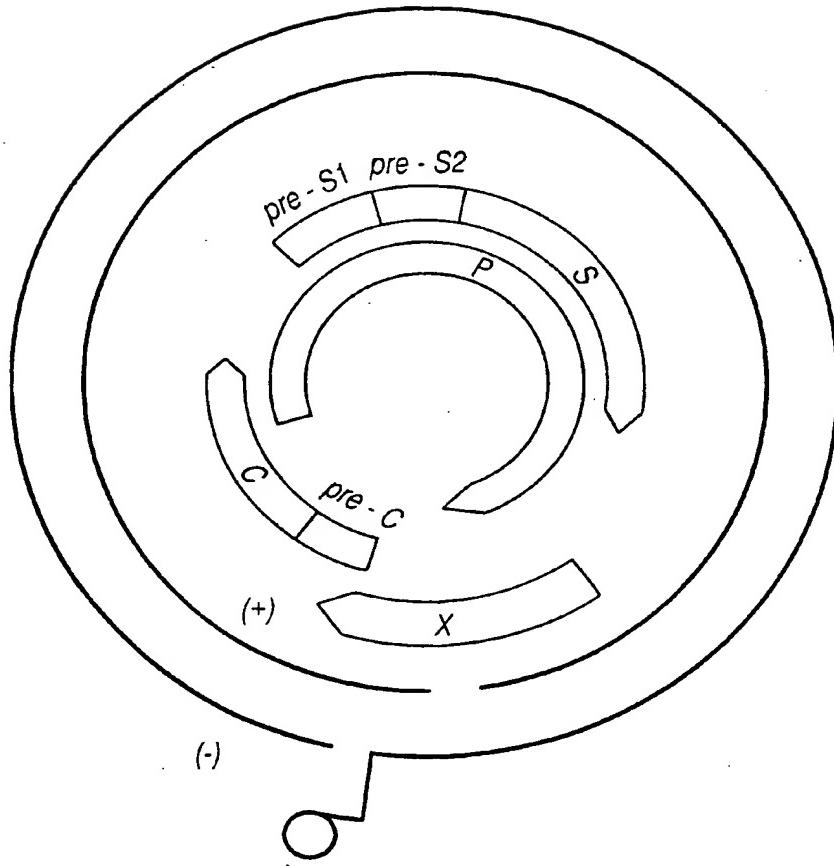


Fig. 1

SUBSTITUTE SHEET (RULE 26)

Printed from Mimosa

APPROV.	O. G. FIG.
BY	MISS SUBCLASS
DRAFTSMAN	

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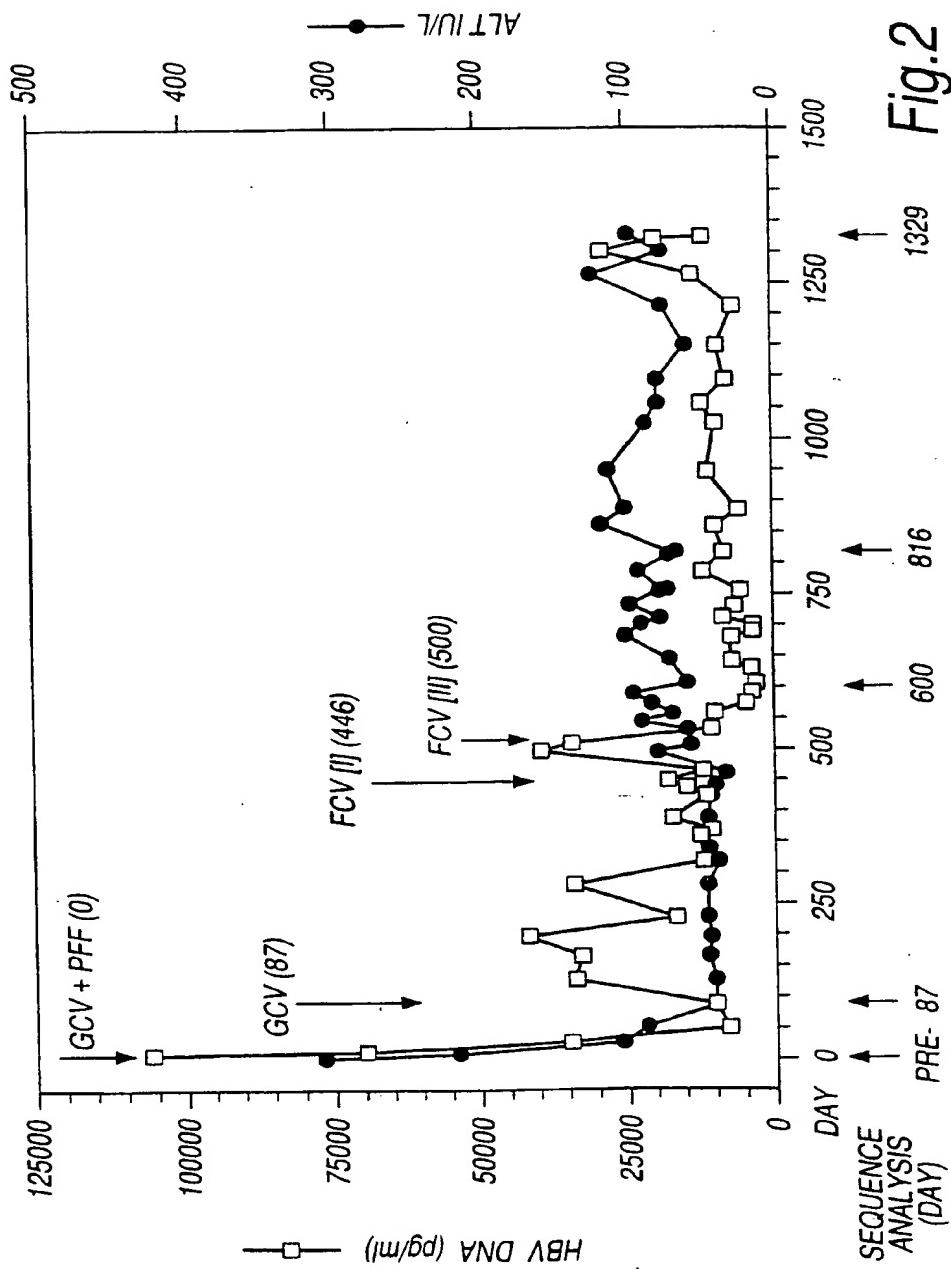


Fig.2

SUBSTITUTE SHEET (RULE 26)

APPLIED	0.0. FIG.
B7	C 435 SUBCLASS
DRAFTSMAN:	

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**DOMAIN A**  
(421)      (437)

HBV (Pre-treatment)	SDL SWL SLDV SAAFYH
HBV (Post-treatment)	SDL SWL SLDV SAAFYH
WHV	TDL QWL SLDV SAAFYH
HIV	KKK SVT VLDV GDAYFS

**DOMAIN B**  
(498)      (505)      (519)      (526)      (529)

HBV (Pre-treatment)	QTFGRKLHLHYSHPII LGFRKIPMGVGLSPFLLAQFTSAICS
HBV (Post-treatment)	QTFGRKLHLHYSHPII LGFRKIPMGVGLSPFLLAQFTSAICS
WHV	KTYGRKLHLAHPFIMGFRKLFMVGVLSPFLLAQFTSALAS
HIV	- - - - - RYQYNVL P QGWKGSPAIFQSSMTKILE

TTIGREMLL-ATREYYHAR - - - - - WAAFEQLLADF - - PEAA  
HSV

**DOMAIN C**  
(546)      (556)

HBV (Pre-treatment)	A FSYMDDVVVLG
HBV (Post-treatment)	A FSYMDDVVVLG
WHV	V FAYMDDLVLG
HIV	I YQYMDDLYVG

*Fig. 3*

APPROVED	O.C. FIG.
BY	CLASS [SUBCLASS]
DRAFTSMAN	

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421 430 440 450  
**DOMAIN A**  
S<sup>N</sup><sub>DLSWLSLD</sub> VSAAFYH<sup>I</sup><sub>PPL</sub> HPAAMPHL<sup>I</sup><sub>V</sub> GSSGL<sup>S</sup><sub>DRYVA</sub>

460 470 480 490  
**DOMAIN B**  
RLSS<sup>T</sup><sub>NNI\*</sub><sup>R</sup><sub>N</sub> NYHQ<sup>H</sup><sub>Y</sub> R<sup>\*</sup>\*<sup>\*</sup>D<sub>NLH</sub> D<sub>S</sub><sub>N</sub> YCSR<sup>N</sup><sub>QLYVS</sub> L<sub>M</sub>LLY<sup>K</sup><sub>QT</sub><sup>Y</sup><sub>F</sub>G<sup>R</sup><sub>W</sub>

500 510 520 530  
**DOMAIN C**  
KLHL<sup>Y</sup><sub>L</sub>S<sub>A</sub>HPI<sup>I</sup><sub>V</sub> LGFRK<sup>I</sup><sub>L</sub>PMG<sup>V</sup><sub>G</sub> GLSPFLLAQF TSAT<sup>C</sup><sub>L</sub>S<sub>M</sub>V<sub>T</sub>R<sub>C</sub>R

540 550 560  
**DOMAIN D**  
AF<sup>F</sup><sub>P</sub>HCL<sup>L</sup><sub>V</sub>VFS<sub>A</sub>Y MDD<sup>V</sup><sub>L</sub>MVLGA<sup>K</sup><sub>R</sub>S<sub>T</sub> V<sup>Q</sup><sub>G</sub>E<sup>H</sup><sub>S</sub>RE<sup>S</sup><sub>F</sub>LF<sup>T</sup><sub>Y</sub>A<sub>S</sub>

570 580 590 600  
**DOMAIN E**  
V<sub>T</sub><sub>I</sub>C<sub>S</sub>S<sub>V</sub>LL<sup>F</sup><sub>D</sub>S<sub>L</sub>VGI HLNPN<sub>Q</sub>KTKRW GYSLNFMGY<sup>V</sup><sub>I</sub>I G

Fig.4

APPROV'D.	O.C. FIG.
BY:	CLASS SUBCLASS
DRAFTSMAN:	

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**DOMAIN B**  


---

 (509) (512) (519) (526) (533)

<sup>S</sup><sub>A</sub>HPI<sup>I</sup><sub>V</sub>LGFRK<sup>I</sup><sub>L</sub>PMG<sup>V</sup><sub>G</sub>GLSPFLLAQFTSAICS

HBV (consensus)

HBV (patient A)  
 HBV (patient B)  
 HBV (3TC 1)  
 HBV (patient C - FCV)  
 QTFGRKLHLYSHPIIL GFRKIPMGLGLSFLMAQFTSAICS  
 QTFGRKLHLYSHPIIL GFRKIPMGVGLSPFLMAQFTSAICS  
 QTFGRKLHLYSHPIIL GLRKIPMGVGLSPFLMAQFTSAICS  
 QTFGRKLHLYSHPIYL GFRKIPMGVGLSPFLLAQFTSALCS

**DOMAIN C**

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550 (559)

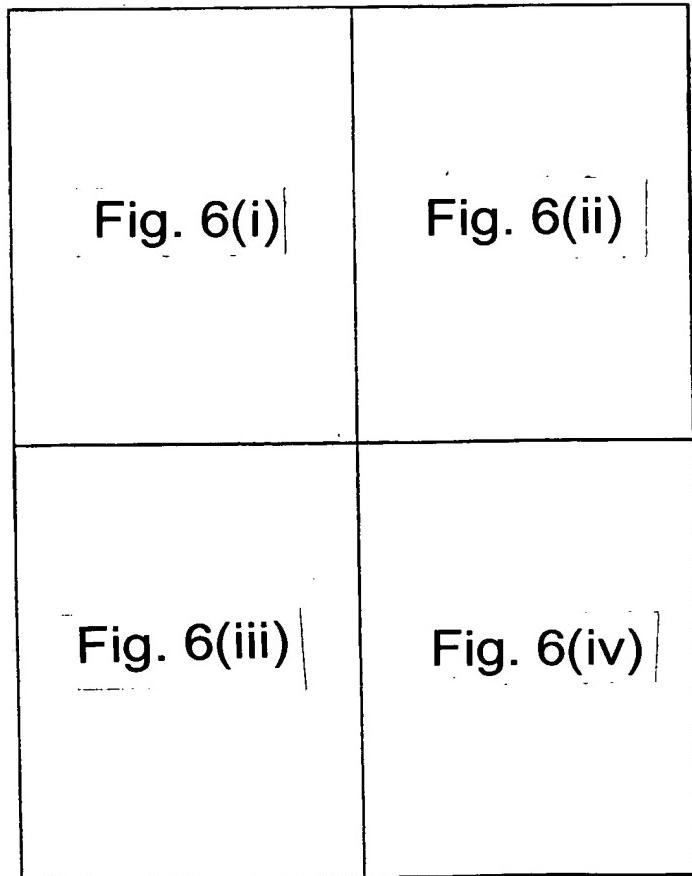
<sup>A</sup><sub>V</sub>F<sup>S</sup><sub>A</sub>YMDD<sup>V</sup><sub>LM</sub>VLGA<sup>K</sup><sub>R</sub><sup>S</sup>  
 AFSYMDD V VLG  
 AFSYMDD V VLG  
 AFSY<sup>V</sup><sub>I</sub>DD V VLG  
 AFSYMDD V VLG  
 AFSYMDD V VLGAKT

HBV (CONSENSUS)  
 HBV (patient A)  
 HBV (patient B)  
 HBV (3TC 1)  
 HBV (patient C - FCV)  
 HBV (patient C 3TC)

Fig.5

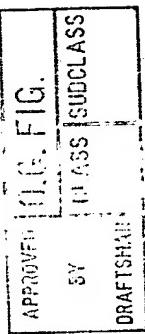
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APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	



*Fig.6*

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pol	TCTTCCAATT	TGTCCCTGGTT	ATCGCTGGAT
	S S N	L S W L	S L D
HBSAG	L P I	C P G	Y R W M
<hr/>			
* * * * *			
CATCCTGCTG CTATGCCTCA TCTTCTTATT			
H P A A M P H L L I			
I L L L C L I F L L			
<hr/>			
* * * * *			
CGTTTGTCCCT CTAATTCCAG GATCAACAAAC			
R L S S N S R I N N			
V C P L I P G S T T			
<hr/>			
* * * * *			
AGGCAACTCT ACgtttccct CATGTTGCTG			
R Q L Y V S L M L L			
G N S T F P S C C C			
<hr/>			
* * * * *			
TATTCCCATC CCATCGTCCT GGGCTTTCGC			
Y S H P I V L G F R			
I P I P S S W A F A			

Fig.6 (i)

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APPROVED	O.G. FIG.
CLASS	SUBCLASS
BY DRAFTSMAN	

\* \* \* \* \*

GTGTCTGC<sub>GG</sub> CGTTTATCA TATT<sub>C</sub>CTCTT  
 V S A A F Y H I P L>  
 C L R R F I I F L F>

\* \* \* \* \*

GGTTCTTCTG GATTATCAAG GTATGTTGCC  
 G S S G L S R Y V A>  
 V L L D Y Q G M L P>

\* \* \* \* \*

AACATGC<sub>AAA</sub> ACCTGCACGA CTCCTGCTCA  
 N M Q N L H D S C S>  
 T C K T C T T P A Q>

\* \* \* \* \*

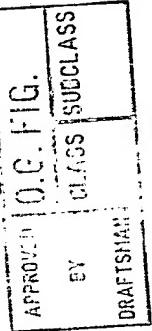
TACAAAACCT ACGGAGAGAA ATTGCACCTG  
 Y K T Y G E K L H L>  
 T K P T E R N C T C>

\* \* \* \* \*

AAAATACTA TGGGAGTGGG CCTCAGTCCG  
 K I P M G V G L S P>  
 K Y L W E W A S V R>

Fig.6 (ii)

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SEARCHED SEARCHED

* * * * *
TTTCTCTTGG CTCAGTTAC TAGTGCCATT
F L L A Q F T S A I
F S W L S L L V P F
* * * * *
TGTTTGGCTT TCAGCTATAT GGATGATGTG
C L A F S Y M D D V
V W L S A I W M M W
* * * * *
GAGGCCCTTT ATACCGCTGT TACCAATT
E A L Y T A V T N F
R P F I P L L P I F
* * * * *
AACAAAACAA AAAGATGGGG TTATTCCCTA
N K T K R W G Y S L
T K Q K D G V I P *
* * *
GGAACATTGC
G T L X>
E H C>

Fig.6 (iii)

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APPROVED	U.S. FIG.
BY	CLASS
DRAFTSMAN	

\* \* \* \* \*

TGTTCA GTGG TTCGTAGGGC TTTCCCCCAC  
 C S V V R R A F P H>  
 V Q W F V G L S P T>

\* \* \* \* \*

GTATTGGGGG CCAAGTCTGT ACAGCATCGT  
 V L G A K S V Q H R>  
 Y W G P S L Y S I V>

\* \* \* \* \*

CTTTGTCTC TGGGTATACA TTTAAACCCCT  
 L L S L G I H L N P>  
 F C L W V Y I \* T L>

\* \* \* \* \*

AACTTCATGG GTTACATAAT TGGAAGTTGG  
 N F M G Y I I G S W>  
 T S W V T \* L E V G>

Fig.6 (iv)